

CLAIMS

What is claimed is:

1. A drinking-fluid dispenser comprising:

a fluid bottle having a first portion attached to a second portion, said first portion being decreasing in dimension toward said second portion, said bottle further having a close end and an open end disposed respectively at said first and second portions;

a fluid valve disposed adjacent said open end and spaced from said close end of said bottle, said fluid valve includes a float member connected thereto via an actuating arm; and

a pressure-vent member insertably removably disposed adjacent said open end of said bottle.
2. The fluid dispenser as in claim 1 wherein said pressure-vent member further including a cavity formed therethrough, said cavity being configured to receive filtering material.
3. The fluid dispenser as in claim 2 wherein said pressure-vent member further including a flange portion and a plug portion, said cavity being formed through said plug portion.
4. The fluid dispense as in claim 2 wherein said pressure-vent member further including a chamber portion disposed between a flange portion and a plug portion, said cavity being formed through said chamber and plug portions.
5. The fluid dispenser as in claim 1 further including an elongated tube member having a proximal end and a distal end, said elongated tube member being disposed in said bottle with said proximal and distal ends being respectively disposed adjacent said open and close ends of said bottle.
6. The fluid dispenser as in claim 1 further including a spigot disposed adjacent said close end and spaced from said open end of said bottle.
7. The fluid dispenser as in claim 1 further including a fluid-dispensing station having a cabinet portion, said bottle being disposed in said cabinet portion.

8. The fluid dispenser as in claim 7 further including a set of filters disposed in said cabinet, said set of filters being disposed adjacent said second portion and above said first portion of said fluid bottle.

9. The fluid dispenser as in claim 1 further including a reverse-osmosis filter connected to said fluid valve via a fluid conduit.

10. A drinking-fluid dispenser comprising:

a fluid bottle having a shoulder portion disposed between a body portion and a neck portion, said body portion being decreasing in dimension toward said neck portion via said shoulder portion, said bottle further having a close end and an open end disposed respectively at said body and neck portions;

a fluid valve disposed adjacent said open end and spaced from said close end, said fluid valve includes a float member connected thereto via an actuating arm; and

a pressure-vent member insertedly removably disposed adjacent said open end of said bottle, said pressure-vent member includes a cavity formed therethrough, and is configured to receive filtering material.

11. The fluid dispenser as in claim 10 further including a fluid-dispensing station having a tank reservoir and a cabinet portion, said bottle being disposed in said cabinet portion, said fluid dispenser further including an elongated tube member having a proximal end and a distal end, said elongated tube member being disposed in said bottle with said proximal and distal ends being respectively disposed adjacent said open and close ends of said bottle, said proximal end of said elongated tube member being in fluid communication with said tank reservoir.

12. The fluid dispenser as in claim 11 further including a set of filters disposed in said cabinet, said set of filters being disposed adjacent said neck portion and above said shoulder portion of said fluid bottle.

13. The fluid dispenser as in claim 10 further including a spigot disposed adjacent said close end and spaced from said open end of said bottle, said fluid dispenser further including a reverse-osmosis filter connected to said fluid valve via a fluid conduit.

14. A fluid dispenser for dispensing drinking fluid comprising:

a bottle having an open end and a close end;

a fluid valve disposed adjacent said open end and spaced from said close end, said fluid valve includes a float member connected thereto via an actuating arm; and

a pressure-vent member removably disposed adjacent said open end and spaced from said close end, said pressure-vent member having a cavity formed therethrough, said cavity being configured to receive filtering material.

wherein during operation, said bottle maintains a predetermined fluid level therein, said bottle being made of a material whereby fluid in said bottle is visible through said bottle, said valve, float member and pressure-vent member being disposed above said fluid level, such that when fluid in said bottle reaches said fluid level, said float member buoyantly rises with said fluid thereby moving said actuating arm in one direction allowing said actuating arm to shut off said valve, and such that when fluid in said bottle falls below said fluid level, said float member buoyantly falls with said fluid thereby moving said actuating arm in another direction allowing said actuating arm to open said valve.

15. The fluid dispenser as in claim 14 further including an elongated tube member having a proximal end and a distal end, said elongated tube member being disposed in said bottle with said proximal and distal ends being respectively disposed adjacent said open and close ends of said bottle.

16. The fluid dispenser as in claim 15 further including a fluid-dispensing station having a cabinet portion, said bottle being disposed in said cabinet portion.

17. The fluid dispenser as in claim 16 further including a set of filters disposed in said cabinet, said set of filters being disposed adjacent said open end and spaced from said close end of said fluid bottle.

18. The fluid dispenser as in claim 14 further including a spigot disposed adjacent said close end and spaced from said open end of said bottle.

19. The fluid dispenser as in claim 18 further including a reverse-osmosis filter connected to said fluid valve via a fluid conduit.

20. The fluid dispenser as in claim 14 wherein said pressure-vent member further including a flange portion and a plug portion, said cavity being formed through said plug portion.

21. The fluid dispense as in claim 14 wherein said pressure-vent member further including a chamber portion disposed between a flange portion and a plug portion, said cavity being formed though said chamber and plug portions.